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File: USPT

Jan 4, 2000

DOCUMENT-IDENTIFIER: US 6011020 A

TITLE: Nucleic acid ligand complexes

Detailed Description Text (125):

Small unilamellar vesicles (SUV) composed of distearoylphosphatidylcholine (DSPC), cholesterol (Chol), and distearoylphosphatidylglycerol (DSPG) were prepared using formulations with the molar ratios shown in Table 3. Four compositions containing varying molar percentages of DSPG, a negatively-charged lipid, were prepared to evaluate the effect of negative Liposome charge on the incorporation of a polyanionic Nucleic Acid Ligand. The lipids were dissolved in CHCl₃, mixed and dried under a steady stream of nitrogen. The dried lipid film was further dried and stored under vacuum overnight prior to hydration. The lipid film was hydrated with a pH 7.4 phosphate buffer solution (PBS), containing Na₂HPO₄ (1.15 g/L), NaH₂PO₄ (0.228 g/L), and sucrose (90 g/L), at 65.degree. C. to yield a 50 mg/mL lipid suspension. The hydrated lipid suspension was then sonicated for 15-30 min using a probe-type sonicator until an opalescent solution was obtained.

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(dmpe adj5 cholesterol adj5 dspg) same liposome	2

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